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EX 892 ST

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

U. S. Department of Agriculture
and State Agricultural Colleges
Cooperating.

Extension Service, Office of
Cooperative Extension Work,
Washington, D. C.

STATISTICAL RESULTS OF COOPERATIVE EXTENSION WORK,

1923.

By M. C. Wilson.

June 30, 1924.

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STATISTICAL RESULTS OF COOPERATIVE EXTENSION WORK, 1923.

During 1923 cooperative extension work was carried on by 3,412 county extension agents, who were assisted by the equivalent of 700 subject-matter specialists employed on a full-time basis. The statistical information contained in this circular is based on the annual report of 3,338 county extension agents, who reported on all cooperative extension work done in their respective counties.

Table 1.-- Number of County Extension Agents Employed and Number Reporting.

Kind of extension agent.	: Number employed :		: Number of reports	
	: July 1, 1923. :		: included in	
			: 1923 summary.	
County agents	2,146*		2,097	
Negro agents (men)	164		156	
Total number of county agents ..	2,310		2,253	
Home demonstration agents	852*		852	
Negro agents (women)	97		96	
Total number of home demon-				
stration agents	949		948	
Number of county club agents	153		137	
Total number of all agents	3,412		3,338	

*Includes assistant agents.

National Program of Work.

The number of county extension agents reporting extension work on the various projects and lines of work indicates, in a general way, the national program of cooperative extension work in 1923. From figure 1 it will be noted that of the 3,338 agents whose annual reports are included in the 1923 statistical summary, 1,980 reported work in soils, 1,803 reported work with corn, 1,227 with wheat, 1,212 with oats, 1,427 with alfalfa, 1,363 with soybeans, 1,080 with sweet clover, 1,365 with potatoes, and 733 with cotton.

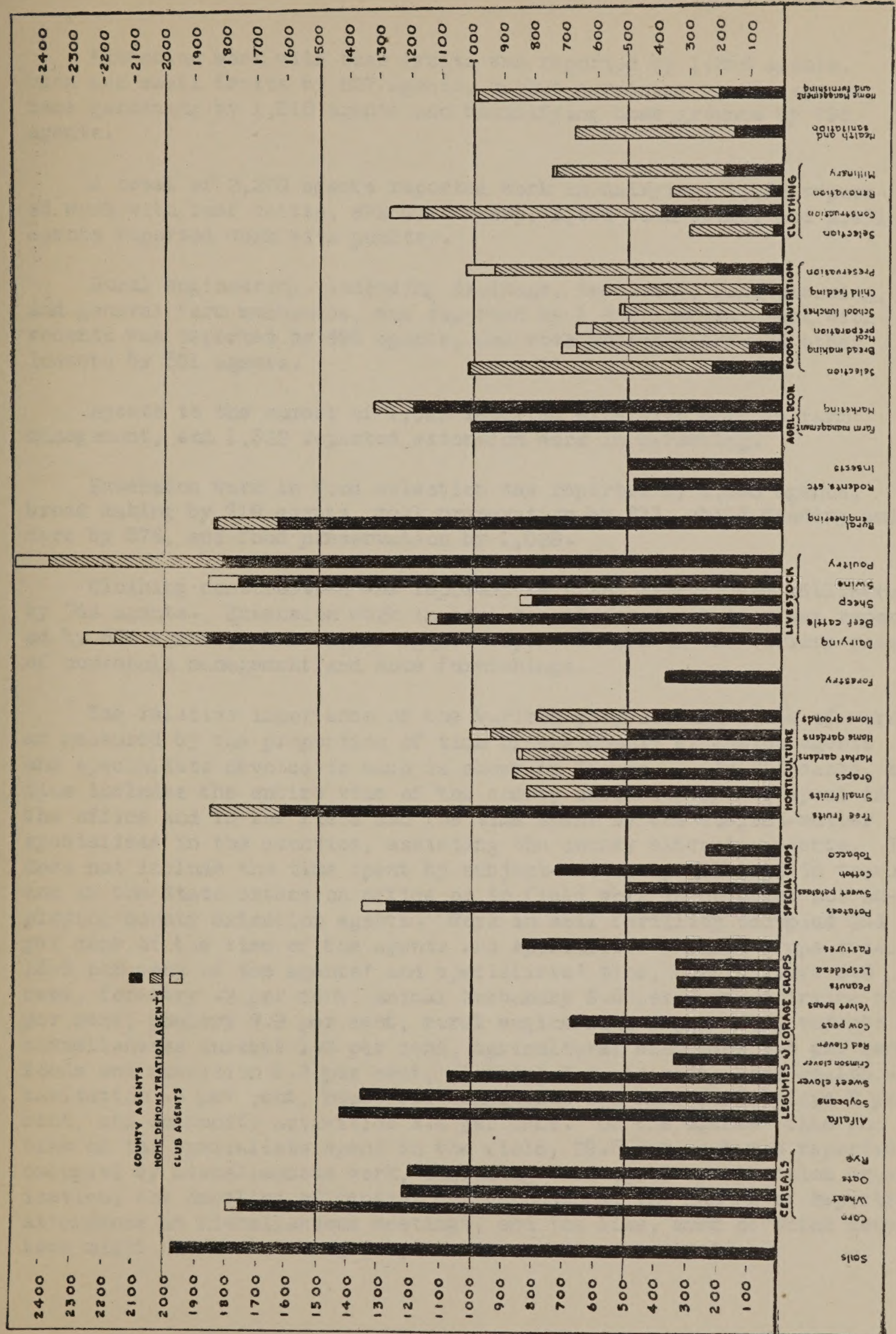


Fig. 1. Number of county extension agents reporting extension work in the various subject-matter lines of work in 1923.

Extension work with tree fruits was reported by 1,866 agents, bush and small fruits by 827 agents, market gardening by 856 agents, home gardening by 1,015 agents and beautifying home grounds by 795 agents.

A total of 2,270 agents reported work in dairying, 1,152 reported work with beef cattle, 872 with sheep, 1,866 with swine, and 2,491 agents reported work with poultry.

Rural engineering, including drainage, terracing, land clearing, and general farm mechanics, was reported by 1,862 agents. Work with rodents was reported by 486 agents, and with grasshoppers and other insects by 501 agents.

Agents to the number of 1,015 reported extension work in farm management, and 1,322 reported extension work in marketing.

Extension work in food selection was reported by 1,028 agents, bread making by 719 agents, meal preparation by 673, child feeding and care by 576, and food preservation by 1,028.

Clothing construction was reported by 1,265 agents, and millinery by 744 agents. Extension work in home health and sanitation was reported by 674 agents, while 1,010 agents reported work in the various phases of household management and home furnishings.

The relative importance of the various projects and lines of work, as measured by the proportion of time of the county extension agents and specialists devoted to each is shown in figure 2. In all cases, the time includes the entire time of the county extension agents spent in the office and in the field and the time spent by the subject-matter specialists in the counties, assisting the county extension agents. It does not include the time spent by subject-matter specialists in travel and in the State extension office or in field work in counties not employing county extension agents. Work in soil fertility occupied 2.4 per cent of the time of the agents and specialists. Field crops received 13.9 per cent of the agents' and specialists' time, horticulture 5.6 per cent, forestry .2 per cent, animal husbandry 8.5 per cent, dairying 5.5 per cent, poultry 7.9 per cent, rural engineering 2 per cent, rodents and miscellaneous insects 1.2 per cent, agricultural economics 4.3 per cent, foods and nutrition 6.3 per cent, clothing 6.4 per cent, home health and sanitation .9 per cent, household management and home furnishings 2 per cent, and community activities 3.4 per cent. Of the agents' time and the time of the specialists spent in the field, 29.5 per cent was reported as occupied by miscellaneous work, including time spent on extension organization, the handling of general correspondence, the making of reports, attendance at miscellaneous meetings, and the like, much of which doubtless might have been charged against the various projects.

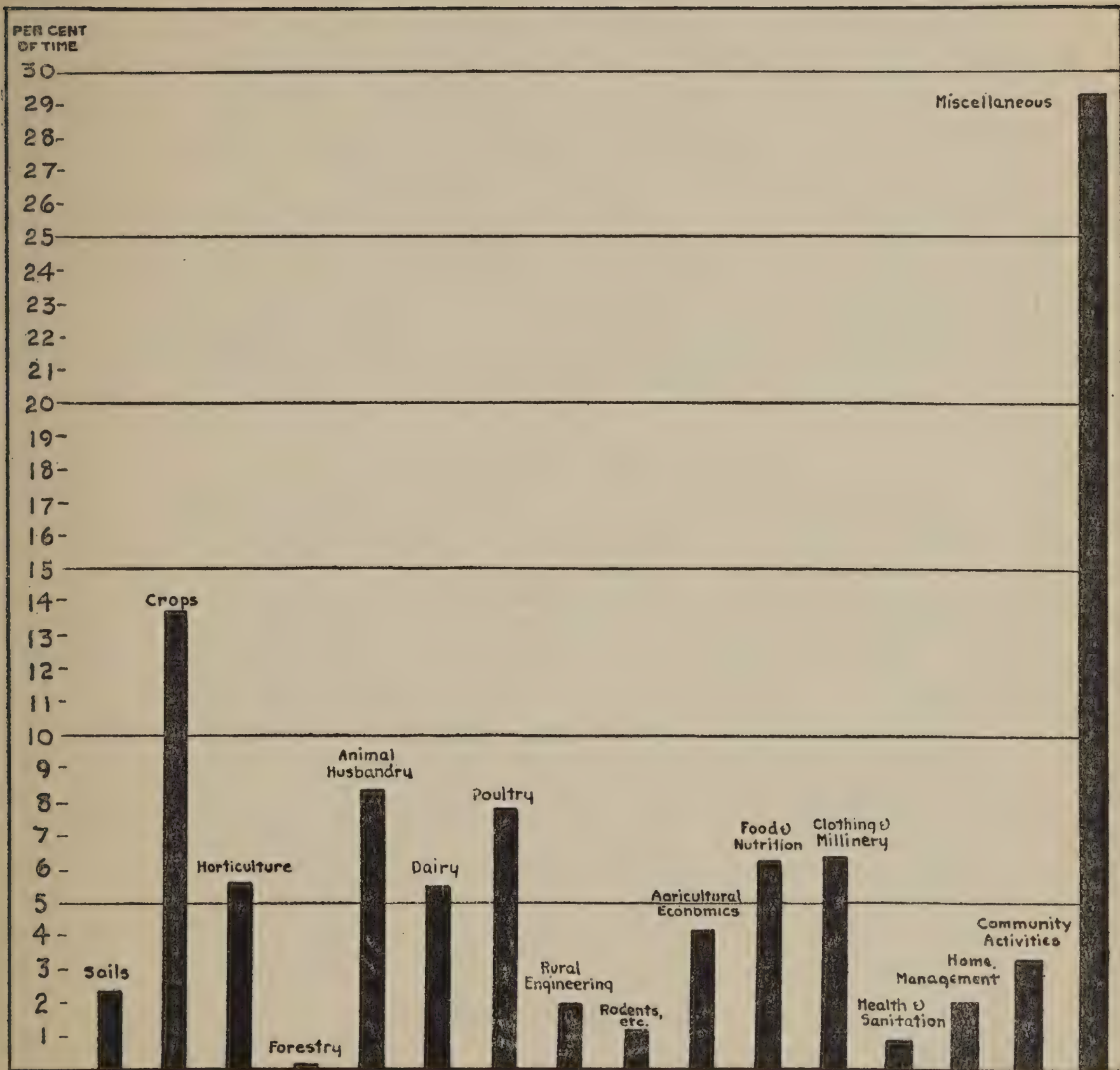


Fig. 2. - Percentage of agents' and specialists' time devoted to projects or subject-matter lines of work during 1923.

Demonstrations.

The number of adult result demonstrations completed or carried through the year and the number of boys and girls completing the work undertaken in the various projects or lines of work are shown in figure 3. With adults, poultry takes the lead with 65,359 demonstrations. Food preservation comes next with 62,476, followed by food selection with 57,003, clothing construction with 46,177, home gardens 37,725, and soils 34,550. The largest number of junior demonstrations is with clothing construction, 67,294. Poultry is next with 50,043, followed by food preservation with 48,325, swine with 28,313, home gardens 26,823, bread making 24,206, corn 17,293, and meal preparation 16,591. In all, 721,448 completed demonstrations were conducted with adults, and 428,746 completed demonstrations were conducted by juniors. In comparing the junior demonstrations with the adult demonstrations, it should be kept in mind that the junior are usually much simpler in character than the adult.

Practices Adopted.

Definite results can not be said to have been accomplished in extension work until the farmers and the farm women have incorporated in the management of their farms and homes the improved practices brought to their attention through publicity, meetings, adult demonstrations, junior demonstrations, correspondence, farm visits, office calls, and the various means and agencies employed in extension work. The number of farms or homes adopting improved practices in 1923 as a result of extension work is shown in figure 4. Marketing leads with 939,298 farms or homes reached through 6,262 associations definitely assisted by the extension forces. Soil-fertility extension work influenced 323,009 farms. A total of 315,569 farms adopted one or more improved dairy practices. Poultry extension work influenced 309,719 farms. Better practices in food selection were taken up in 285,933 homes. Better methods in food preservation were adopted in 284,639 homes. Clothing construction effectively reached 207,889 homes. Improved practices in corn growing were adopted on 171,080 farms and so on for the other subject-matter lines of work.

Spread of Influence.

In order to bring out the difference in the effort required to modify farm practices in various lines of work, a comparison of projects is sometimes made on the basis of the ratio of the number of farms or homes adopting practices to the number of demonstrations conducted in each line of work. Another method of making such a comparison, shown in figure 5, is on the basis of the number of farms or homes adopting improved practices per day of time devoted to the various lines of work by the county extension agents and the subject-matter specialists.

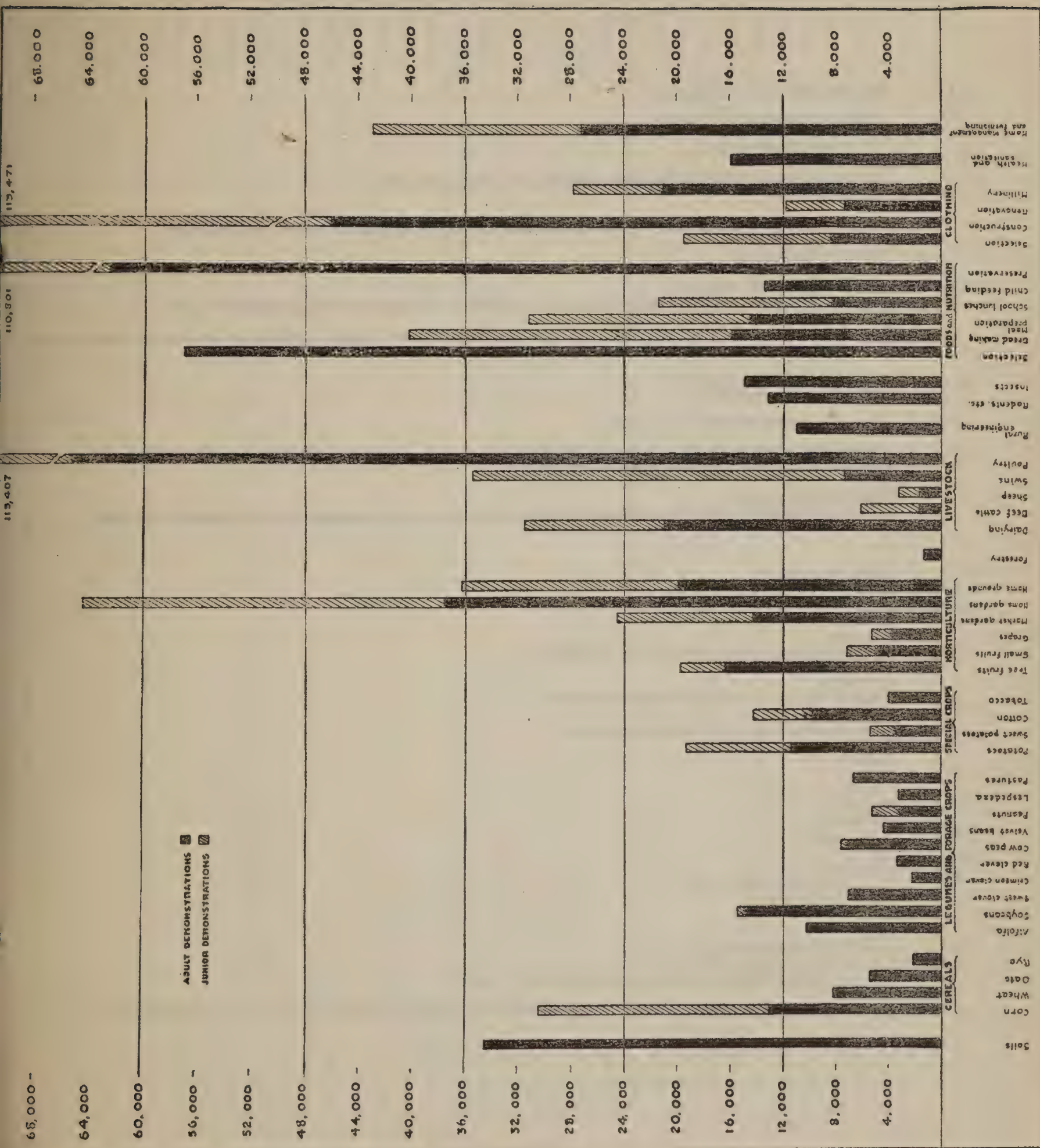


Fig. 3. Number of result demonstrations conducted in 1923 by county extension agents with the assistance of subject-matter specialists.

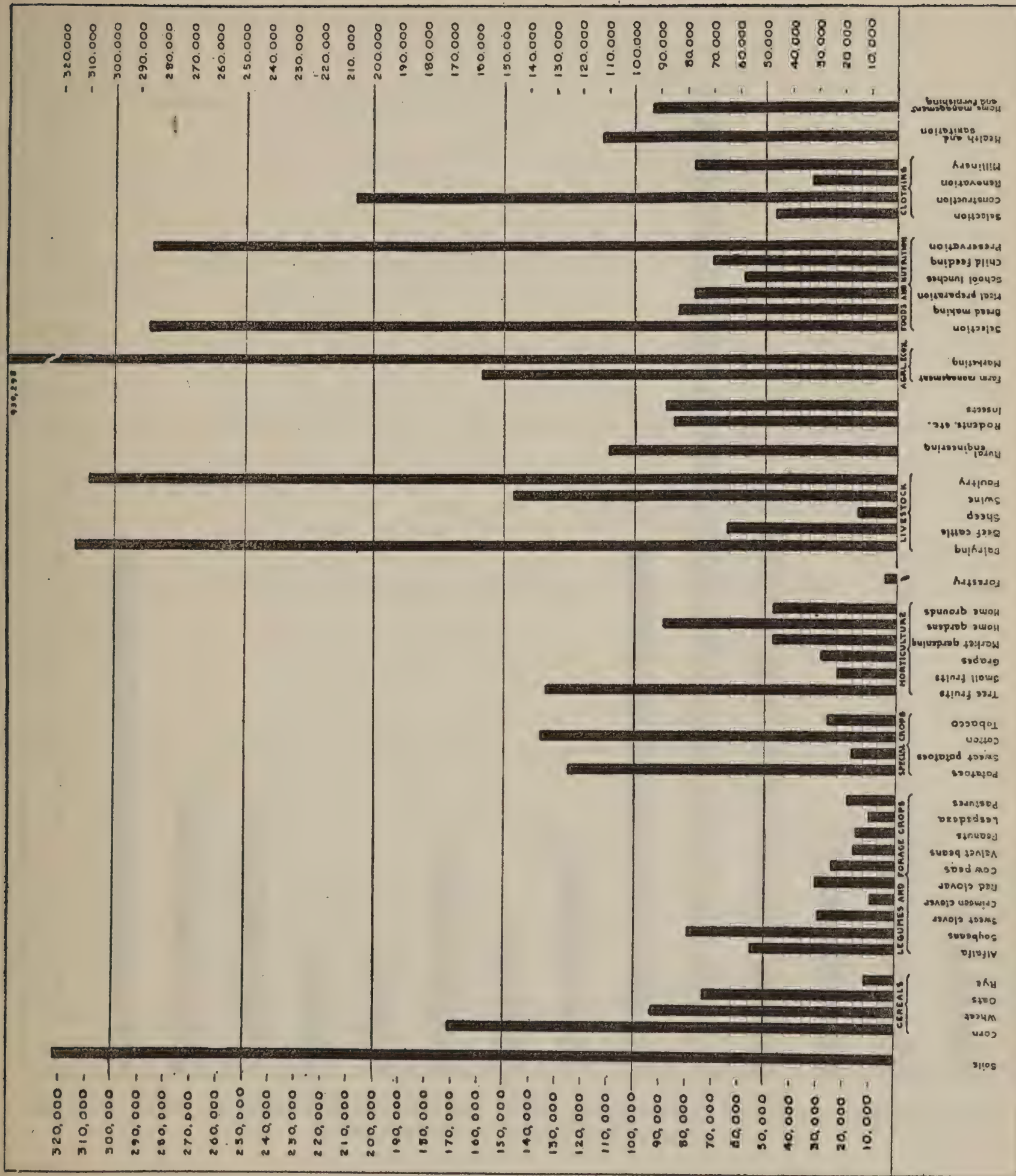


Fig. 4. Number of farms or homes adopting new or improved practices in 1923 as a result of cooperative extension work.

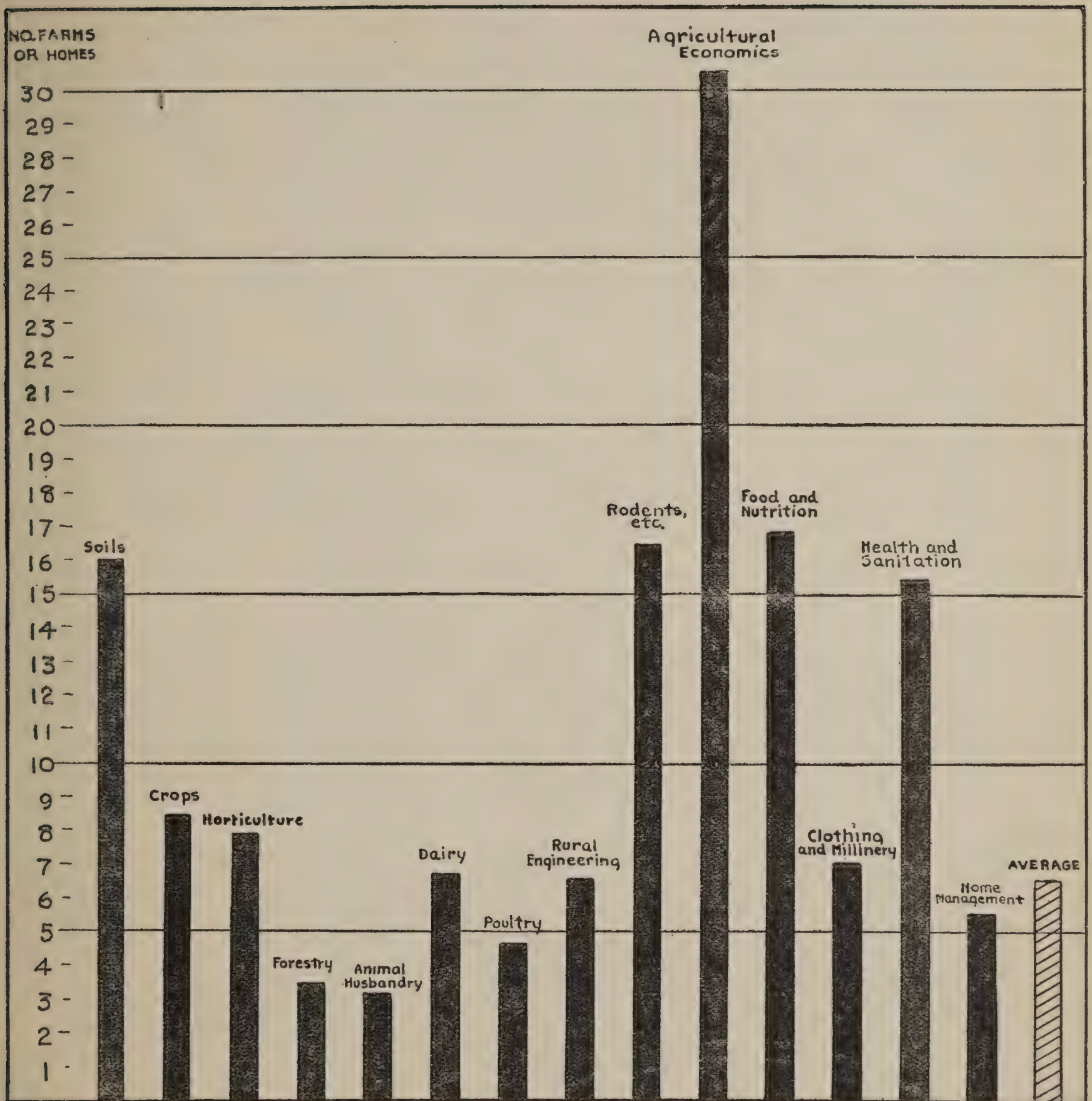


Fig. 5. - Number of farms or homes adopting better practices per day of time devoted to projects by agents and specialists during 1923.

The number of farms or homes per day of time is undoubtedly too high in all cases. This is due to the fact that only the field work of the subject-matter specialists is included and to the large amount of time, 29.5 per cent, devoted to miscellaneous work, much of which doubtless contributed directly to the effectiveness of extension work on projects. This, however, does not affect the relationship of one project to another. The large returns per day of time devoted to agricultural economics, 30.6, is partially accounted for by the fact that marketing work is largely carried out through cooperative associations. The other lines of work in the high group are, soils with 16.1 farms reached per day, rodents and miscellaneous insects 16.5, home health and sanitation 15.5, and foods and nutrition 16.9.

The middle group includes field crops with 8.6, horticulture 7.9, dairying 6.8, rural engineering 6.6, and clothing 7.1.

In the low group are forestry with 3.5, animal husbandry 3.4, poultry 4.7, and household management and home furnishings with 5.5 homes reached per day spent on project by agents and specialists.

Statistical Summary.

Table 2, page 12, gives a complete summary of extension activities and accomplishments of the county extension agents assisted by the subject-matter specialists in 1923. The part taken by county agents, club agents, and home demonstration agents and the total of all agents are shown for every item. The number of each kind of extension agent reporting on the various items is also given.

In table 3, page 26, the extension work in 1923 with boys and girls is brought together by projects. A total of 459,074 different boys and girls enrolled in junior demonstration work, and 249,416 of them completed the work outlined. These boys and girls undertook 722,508 demonstrations, of which 428,746 were completed or carried through the year. Of the 3,538 agents reporting, 2,747 or 82 per cent mentioned work with boys and girls.

Table 2.- Results of Cooperative Extension Work, 1923.

Project or line of work.	Reported by county agents.		Reported by demonstration agents.		Reported by club agents.*		Total of all lines of work.	
	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.
Communities in counties.....	2227	41939	919	24380	129	3758	3275	70077
Communities with extension program ..	1873	23213	772	13377	117	2708	2762	39298
Voluntary local leaders:								
Adult	2087	102814	835	36066	27	1534	2949	140414
Junior	1549	22257	627	13971	128	5708	2304	41936
Membership in county extension organ-izations and adult clubs								
Junior clubs	1602	737305	788	268909	67	27818	2457	1034032
Enrollment (a) Boys	1805	16556	768	10350	134	5767	2707	32673
(b) Girls	1831	151729	200	8518	131	27030	2162	187277
Completions (a) Boys	1325	79473	781	154208	135	38116	2241	271797
(b) Girls	1576	76390	146	4265	127	18567	1849	99222
Farm visits made	1120	44571	666	78557	130	27066	1916	150194
Different farms visited	2238	1200181	180	38481	119	42374	2537	1281036
Home visits made	2090	569698	176	18053	108	22136	2374	609887
Different homes visited	953	163084	906	234372	95	22575	1954	420031
Office calls.....	928	89683	880	120623	86	11826	1894	222132
Per cent of time in field	2216	3374761	907	550137	121	55010	3244	3979908
Per cent of time in office	2234	66	919	69	131	64	3284	67
Individual letters written	2237	34	919	31	131	36	3287	33
Demonstration meetings held	2232	2677577	917	655185	131	112118	3280	3444880
Attendance	2019	110191	820	123614	120	11422	2959	245227
Total number of all meetings	2023	2720660	799	2376721	120	201063	2942	5298444
Total attendance	2019	235020	820	161348	120	24369	2959	420737
Meetings at which lantern slides were shown	2023	10868483	799	4399750	120	749538	2942	16017771
Meetings at which motion pictures were shown	670	4055	166	768	59	495	895	5318
Meetings at which motion pictures were shown	1132	16851	303	2320	46	379	1481	19550

*Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.
<u>Soils.</u>								
Adult demonstrations	1466	34502	1	10	4	38	1471	34550
Farms following advice in use of commercial fertilizer	1518	169618	2	125	4	316	1524	170059
Farms using lime and limestone on advice	1280	63702			1	17	1281	63719
Farms taking better care of farm manure..	1092	60225			2	518	1094	60743
Farms plowing under green manure crops...	1368	57165	1	10	3	254	1372	57429
Different farms adopting better practices	1971	322065	2	125	7	819	1980	323009
<u>Corn.</u>								
Adult demonstrations	1308	13145	1	2	2	6	1311	13153
Junior demonstrations*	858	16870	1	13	42	410	901	17293
Farms planting selected seed	1432	112301	1	15	17	245	1450	112561
Farms testing seed for germination	849	39024			14	161	863	39185
Different farms adopting better practices	1759	170549	2	78	28	453	1789	171080
<u>Wheat.</u>								
Adult demonstrations	790	8013			3	12	793	8025
Junior demonstrations *	44	272			1	7	45	279
Farms planting selected seed	877	52862			3	47	880	52909
Farms treating seed for smut	559	35909			3	1534	562	37443
Different farms adopting better practices	1222	92721			5	1584	1227	94305
<u>Oats.</u>								
Adult demonstrations	720	5276			2	19	722	5295
Junior demonstrations *	42	219					42	219
Farms planting selected seed	787	30531					787	30531
Farms treating seed for smut	596	40455			1	20	597	40475
Different farms adopting better practices	1210	74223			2	202	1212	74425

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by County agents.		Reported by home demonstration agents.		Reported by club agents,**		Total of all lines of work.	
	Agents report- ing.	Number.	Agents report- ing.	Number.	Agents report- ing.	Number.	Agents report- ing.	Number.
<u>Rye.</u>								
Adult demonstrations	283	2160			1	12	284	2118
Junior demonstrations*	5	26					5	26
Different farms adopting better practices.	514	12019			2	201	516	12220
<u>Barley.</u>								
Adult demonstrations	260	1216			3	19	263	1235
Junior demonstrations*	20	40					20	40
Different farms adopting better practices.	463	7978			3	211	466	8189
<u>Other Cereals.</u>								
Adult demonstrations	216	1459			1	1	217	1460
Junior demonstrations*	85	1008	1	80	3	16	89	1104
Different farms adopting better practices.	336	14310	1	217	3	63	340	14590
<u>Alfalfa.</u>								
Adult demonstrations	986	10331			2	23	988	10354
Junior demonstrations*	12	52					12	52
Farms planting selected seed	821	27185			1	11	822	27196
Farms inoculating for this crop	941	33359	1	1	2	11	944	33371
Different farms adopting better practices.	1424	56130	1	4	2	221	1427	56355
<u>Soybeans.</u>								
Adult demonstrations	1064	14901	1	7	2	6	1067	14914
Junior demonstrations*	62	632			1	6	63	638
Farms planting selected seed	813	33445	1	7	1	3	815	33455
Farms inoculating for this crop	793	37764			1	1	794	37765
Different farms adopting better practices.	1360	79802	1	10	2	12	1363	79824
<u>Sweet Clover.</u>								
Adult demonstrations	684	7059			2	31	686	7090
Junior demonstrations*	4	27					4	27
Farms planting selected seed	463	12300					463	12300
Farms inoculating for this crop	543	11147			1	2	544	11149
Different farms adopting better practices.	1078	30014			2	109	1080	30123

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Crimson Clover.</u>								
Adult demonstrations	232	2187			1	40	233	2227
Junior demonstrations*	3	13					3	13
Different farms adopting better practices.	343	9659			1	50	344	9709
<u>Clover (red, alsike, white)</u>								
Adult demonstrations	362	3421			2	11	364	3432
Junior demonstrations*	2	3					2	3
Farms planting selected seed	248	17230			1	10	249	17240
Different farms adopting better practices.	601	30843			2	17	603	30860
<u>Cowpeas.</u>								
Adult demonstrations	553	7116			1	1	554	7117
Junior demonstrations*	40	586					40	586
Farms planting selected seed	290	7157					290	7157
Different farms adopting better practices.	679	24598			1	1	680	24599
<u>Velvet Beans.</u>								
Adult demonstrations	294	4110					294	4110
Junior demonstrations*	23	409					23	409
Different farms adopting better practices.	344	16597					344	16597
<u>Field Beans.</u>								
Adult demonstrations	137	986					137	986
Junior demonstrations*	20	336					28	396
Different farms adopting better practices.	190	5328	1	4	7	56	194	5349
<u>Peanuts.</u>								
Adult demonstrations	258	3162					258	3162
Junior demonstrations*	195	2047					196	2048
Different farms adopting better practices.	335	15245	1	1			335	15245
<u>Lespedeza.</u>								
Adult demonstrations	285	3144					285	3144
Junior demonstrations*	6	54					6	54
Different farms adopting better practices.	338	10407					338	10407

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club loaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.
<u>Factures.</u>								
Adult demonstrations	656	6729	1	2	1	6	658	6737
Different farms adopting better practices	835	19182	1	2	2	21	838	19205
<u>Other Legumes and Forage Crops.</u>								
Adult demonstrations	299	2988					299	2988
Junior demonstrations*	13	99					13	99
Different farms adopting better practices	400	14472					400	14472
<u>Potatoes.</u>								
Adult demonstrations	930	11526	1	3			934	11549
Junior demonstrations*	383	6146			3	20	462	7830
Farms planting selected seed	993	59198			79	1684	1032	60065
Farms treating seed for disease	858	38475	1	3	39	567	892	39629
Farms spraying or dusting for diseases and insects	807	61014			33	1148		
Different farms adopting better practices	1285	121199	1	3	30	3528	837	64542
<u>Sweet Potatoes.</u>					57	4199	1343	125401
Adult demonstrations	401	3527					401	3527
Junior demonstrations*	194	1807			6	39	200	1846
Farms planting selected seed	288	8435			1	15	289	8450
Farms treating seed for diseases	243	5117					248	5117
Different farms adopting better practices	501	17782			3	28	504	17810
<u>Cotton.</u>								
Adult demonstrations	645	9820					645	9820
Junior demonstrations*	363	4456	1	3			364	4459
Farms planting selected seed	542	60077					542	60077
Farms spraying or dusting for diseases and insects	453	63542					453	63542
Different farms adopting better practices	732	136239					732	136239

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Tobacco.</u>								
Adult demonstrations	186	3570					186	3570
Junior demonstrations*	41	332					41	332
Farms planting selected seed	107	6197					107	6197
Farms spraying or dusting for diseases and insects	127	17426					127	17426
Different farms adopting better practices.	237	26473					237	26473
Other Miscellaneous Crops.								
Adult demonstrations	87	893					87	893
Junior demonstrations*	15	178			2	2	17	180
Different farms adopting better practices.	110	5940			1	1	111	5941
<u>Tree Fruits.</u>								
Adult demonstrations	1147	11849	156	4510	1	3	1304	16362
Junior demonstrations*	57	987	112	2378	4	10	173	3375
Farms planting selected stock	592	17672	4	66	1	48	597	17786
Farms adopting better pruning methods	1331	65783	7	84	4	11	1342	65878
Farms spraying or dusting for diseases and insects	1327	76976	122	3899	4	9	1453	80884
Different farms adopting better practices.	1632	123520	229	10531	5	58	1866	134109
<u>Bush and Small Fruits.</u>								
Adult demonstrations	332	1762	140	3221	1	2	473	4985
Junior demonstrations*	20	458	98	1716	6	76	124	2250
Farms planting selected stock	208	3233	3	32	1	19	212	3284
Farms adopting better pruning methods	262	6465	2	13	3	15	267	6493
Farms spraying or dusting for diseases and insects	258	8363	72	1746	2	3	332	10112
Different farms adopting better practices.	608	16484	213	6602	4	49	825	23135
<u>Grapes.</u>								
Adult demonstrations	377	1549	121	2322			498	3871
Junior demonstrations*	7	36	100	1315	2	69	109	1420
Farms planting selected stock	200	2103	3	22	1	3	204	2128
Farms adopting better pruning practices ..	456	17911	6	36	3	17	465	17964
Farms spraying or dusting for diseases and insects	331	9645	56	954	1	20	388	10619
Different farms adopting better practices.	671	23849	199	5026	3	72	873	28947

* Boys' and girls' club members. ** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents. **		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Market Gardening.</u>								
Adult demonstrations	355	3770	188	10545	1	5	544	14320
Junior demonstrations*	48	714	197	9474	13	221	258	10409
Farms planting selected seed	260	7405	3	139	7	82	270	7626
Farms spraying or dusting for diseases and insects	286	9171	116	4398	2	10	404	13579
Different farms adopting better practices.	557	23286	286	23730	10	212	853	47228
<u>Home Gardens.</u>								
Adult demonstrations	272	5214	319	32492	2	19	593	37725
Junior demonstrations*	101	2702	317	18091	69	6030	487	26823
Homes planting selected seed	193	11534	6	327	8	373	207	12234
Homes spraying or dusting for diseases and insects	269	9717	216	14111	9	720	494	24548
Different homes adopting better practices.	505	28890	441	57577	32	2689	978	89156
<u>Beautifying Home Grounds.</u>								
Adult demonstrations	241	1684	252	18291	2	28	495	20003
Junior demonstrations*	13	465	214	15353	6	312	233	16130
Different homes adopting better practices.	419	9022	370	38244	4	150	793	47416
<u>Forestry.</u>								
Adult demonstrations	205	1415	1	4	1	3	207	1422
Junior demonstrations*	3	35			2	8	5	43
Forest and wood-lot plantings made	114	1873			2	5	116	1878
Farms planting windbreaks	180	902			1	2	181	904
Different farms adopting better practices.	382	4592	1	12	5	31	388	4635
<u>Horses and Mules.</u>								
Adult demonstrations	82	531					82	531
Junior demonstrations*	16	109			1	10	17	119
Different farms adopting better practices.	413	13814			1	1	414	13815

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders. 1531.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents report- ing.	Number.	Agents report- ing.	Number.	Agents report- ing.	Number.	Agents report- ing.	Number.
<u>Dairy Cattle.</u>								
Adult demonstrations	710	7897	219	13206	1	4	930	21107
Junior demonstrations*	490	6015	104	2215	102	2243	696	10473
Farms assisted in securing purebred sires.	1517	12143			37	140	1354	12283
Farms assisted in securing purebred females	1066	8757			51	479	1117	9236
Farms culling herds	565	10725			15	172	580	10897
Bull associations organized during year....	213	400			5	7	218	407
Members of bull associations	222	6928			7	69	229	6997
Cow-test associations organized or reorganized during year.....	486	707			2	3	488	710
Members in cow-test associations	495	16501			2	51	497	16552
Other farms testing cows for production ..	741	12704	1	3	6	70	748	12777
Homes assisted in butter and cheese making	230	5319	8	313	2	13	240	5645
Farms feeding better balanced rations.....	1366	65143	1	3	15	313	1382	65459
Farms testing animals for tuberculosis.....	1222	196274	1	45	13	1080	1236	197399
Farms vaccinating animals for blackleg.....	380	11242	1	6	1	3	382	11251
Different farms adopting better practices.	1876	292075	292	20611	79	2883	2247	315569
<u>Beef Cattle.</u>								
Adult demonstrations	340	1671			1	2	341	1673
Junior demonstrations*	353	4070			29	383	382	4453
Farms securing purebred sires	696	4795			8	17	704	4812
Farms securing purebred females	343	1768			6	13	349	1781
Farms feeding better balanced rations.....	393	5290	1	5	3	4	397	5299
Farms testing animals for tuberculosis.....	349	19354	1	1	1	1	351	19356
Farms vaccinating animals for blackleg.....	449	22725	1	9			450	22734
Different farms adopting better practices.	1122	64984	1	9	22	243	1145	65236

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Sheep.</u>								
Adult demonstrations	261	1622			2	6	263	1628
Junior demonstrations*	158	1170			41	354	199	1524
Farms assisted in securing purebred sires	561	2493			8	44	569	2537
Farms assisted in securing purebred females	240	920			7	31	247	951
Farms feeding better balanced rations	194	1663			3	28	197	1691
Farms controlling insect pests	195	4597			1	5	196	4602
Different farms adopting better practices	831	14788			22	248	853	15036
<u>Swine.</u>								
Adult demonstrations	754	7424			2	7	756	7431
Junior demonstrations*	1181	25931	4	88	96	2294	1281	28313
Farms assisted in securing purebred sires	1204	13227			32	152	1236	13379
Farms assisted in securing purebred females	992	14467	1	10	36	550	1029	15027
Farms feeding better balanced rations.	735	29855	1	7	10	138	746	30000
Farms controlling insect pests	463	30895	1	7	2	8	466	30910
Farms vaccinating for cholera	1061	76240	1	56	7	482	1069	76778
Different farms adopting better practices	1766	144430	4	229	64	2210	1834	146869

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.
<u>Poultry.</u>								
Adult demonstrations	1057	16542	371	48779	5	38	1433	65359
Junior demonstrations*	642	19720	374	24951	109	5347	1125	50043
Farms assisted in securing purebred sires	906	20223	10	380	25	283	941	20891
Farms assisted in securing purebred females.....	603	17189	3	336	29	522	640	18047
Farms culling flocks	1486	95593	508	37360	42	958	2036	133911
Farms feeding better balanced rations.....	898	69492	7	729	11	646	916	70867
Farms controlling insect pests	760	69091	6	1018	6	167	772	70276
Farms controlling poultry diseases.....	501	25161	2	34			503	251951
Different farms adopting better practices	1825	213633	557	91840	77	1246	2459	309719
<u>Rural Engineering.</u>								
Adult demonstrations	698	9425	88	1584	2	6	788	11115
Farms installing drainage systems	664	5395	1	1			665	5396
Farms constructing terraces or soil dams.	705	21026	1	2			706	21028
Dwellings constructed according to plans.	322	1440	83	309			405	1749
Dwellings remodeled according to plans...	230	1308	131	895			411	2203
Sewage disposal systems installed.....	454	1781	101	536	1	5	556	2322
Water systems installed.....	512	2178	196	1007	1	6	709	3191
Heating systems installed	158	689	59	267	1	8	218	964
Lighting systems installed	447	3428	167	1219	2	7	616	4654
Farms constructing or remodeling build-ings other than dwellings	1657	23918	47	495	9	84	1713	24497
Farms clearing land.....	591	33317	2	17	1	115	594	33409
Homes influenced to adopt better practices.....	1657	105028	196	4831	9	225	1862	110084
<u>Rodents and Other Animal Pests.</u>								
Adult demonstrations	324	12967	4	153	2	3	329	13123
Farms adopting control measures	480	85033	4	282	2	37	486	85352
<u>Gnossophobers and Other Insect Pests.</u>								
Adult demonstrations.....	394	15020	3	19	2	6	399	15045
Farms adopting control measures.....	496	87991	3	25	2	8	501	88024

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.*		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Farm Management.</u>								
Farms keeping farm accounts	896	15647	7	465	6	52	909	16164
Juniors keeping farm accounts	108	5796	1	178	6	44	115	6018
Farms making recommended changes in business	543	6524	4	61	4	413	551	6998
Farms advised relative to leases	886	9525	1	15	2	6	889	9546
Farms keeping cost-of-production records.	715	14247	1	15	5	46	721	14308
Farms making better use of labor	487	42496	1	25	2	16	490	42537
Farms assisted in securing credit	568	24401	2	168			570	24569
Farms adopting practices	1002	153128	7	743	6	194	1015	159065
<u>Marketing.</u>								
Associations assisted in organizing or cooperated with	1192	6018	127	234	3	10	1322	6262
Total value of purchases	611	43543335	14	822462	1	652355	626	343628152
Savings in connection with such purchases.	574	4293504	13	8141	1	12489	588	4314134
Total value of sales	570	275327462	115	1067267	1	1008973	686	277403702
Profits in connection with such sales	494	20610851	79	394857	1	153233	574	21158941
Farms and homes assisted with marketing problems	1081	926203	117	11703	3	1392	1201	939298
<u>Food Selection.</u>								
Adult demonstrations	130	2379	573	54389	6	235	709	57003
Homes using more fruit in diet	124	11073	645	109160	10	666	779	120899
Homes using more green vegetables in diet.	134	12542	676	134755	3	1279	818	148536
Homes using more milk and other dairy products in diet	142	23272	646	131066	8	1243	796	155581
Homes using more unrefined cereals								
products in diet	78	7378	455	147365	4	797	537	55540
Different homes adopting better practices.	232	14555	785	239082	11	2296	1028	285933

* Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.
<u>Poultry.</u>								
Adult demonstrations	1057	16542	371	48779	5	38	1433	65359
Junior demonstrations*.....	642	19720	374	24981	109	5347	1125	50043
Farms assisted in securing purebred sires	906	20223	10	380	25	288	941	20891
Farms assisted in securing purebred females.....	603	17189	8	336	29	522	640	18047
Farms culling flocks	1486	95593	508	37360	42	958	2036	133911
Farms feeding better balanced rations.....	898	59492	7	729	11	646	916	70867
Farms controlling insect pests	760	69091	6	1018	6	167	772	70276
Farms controlling poultry diseases.....	501	25161	2	34			503	251951
Different farms adopting better practices	1825	213633	557	91840	77	1246	2459	309719
<u>Rural Engineering.</u>								
Adult demonstrations	698	9425	88	1684	2	6	788	11115
Farms installing drainage systems	664	5395	1	1			665	5396
Farms constructing terraces or soil dams.	705	21026	1	2			706	21028
Dwellings constructed according to plans.	322	1440	83	309			405	1749
Dwellings remodeled according to plans...	280	1308	131	895			411	2203
Sewage disposal systems installed.....	454	1781	101	536	1	5	556	2322
Water systems installed.....	512	2178	196	1007	1	6	709	3191
Heating systems installed	158	689	59	267	1	8	218	964
Lighting systems installed	447	3428	167	1219	2	7	616	4654
Farms constructing or remodeling build-ings other than dwellings	1657	23918	47	495	9	84	1713	24497
Farms clearing land.....	591	33317	2	17	1	115	594	33449
Homes influenced to adopt better practices.....	1657	105028	196	4831	9	225	1862	110084
<u>Rodents and Other Animal Pests.</u>								
Adult demonstrations	324	12967	4	153	2	3	329	13123
Farms adopting control measures	480	85033	4	282	2	37	486	85352
<u>Grossmoovers and Other Insect Pests.</u>								
Adult demonstrations.....	394	15020	3	19	2	6	399	15045
Farms adopting control measures.....	496	87991	3	25	2	8	501	88024

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by demonstration agents.		Reported by club agents.*		Total of all lines of work.	
	Agents report- ing.	Number.	Agents report- ing.	Number.	Agents report- ing.	Number.	Agents report- ing.	Number.
<u>Farm Management.</u>								
Farms keeping farm accounts	896	15647	7	465	6	52	909	16164
Juniors keeping farm accounts	108	5796	1	178	6	44	115	6018
Farms making recommended changes in business	543	6524	4	61	4	413	551	6998
Farms advised relative to leases	886	9525	1	15	2	6	889	9546
Farms keeping cost-of-production records	715	14247	1	15	5	46	721	14308
Farms making better use of labor	487	42496	1	25	2	16	490	42537
Farms assisted in securing credit	568	24401	2	168			570	24569
Farms adopting practices	1002	153128	7	743	6	194	1015	159065
<u>Marketing.</u>								
Associations assisted in organizing or cooperated with	1192	6018	127	234	3	10	1322	6262
Total value of purchases	611	443543335	14	22462	1	852355	626	343628152
Savings in connection with such purchases	574	4293504	13	8141	1	12489	588	4314134
Total value of sales	570	275327462	115	1067267	1	1008973	688	277403702
Profits in connection with such sales	494	20610851	79	394857	1	153233	574	21158941
Farms and homes assisted with marketing problems	1081	926203	117	11703	3	1392	1201	939293
<u>Food Selection.</u>								
Adult demonstrations	130	2379	573	54389	6	235	709	57003
Homes using more fruit in diet	124	11073	645	109160	10	666	779	120899
Homes using more green vegetables in diet	134	12542	676	134755	8	1279	818	148536
Homes using more milk and other dairy products in diet	142	23272	646	131066	8	1243	796	155581
Homes using more unrefined cereals								
Products in diet	78	7378	455	47365	4	797	537	55540
Different homes adopting better practices	232	44555	785	239082	11	2296	1028	285933

* Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.
<u>Bread Making.</u>								
Adult demonstrations.....	16	246	346	15734	47	2058	362	15980
Junior demonstrations*.....	114	1932	449	20216			610	24206
Different homes adopting better practices..	79	3651	558	78752	28	1099	665	83502
<u>Meal Preparation.</u>								
Adult demonstrations.....	27	539	307	14150	1	38	335	14727
Junior demonstrations*.....	65	842	326	14084	52	1665	443	16591
Different homes adopting better practices..	75	2919	543	73114	38	1190	659	77223
<u>School Lunches.</u>								
Adult demonstrations.....	46	335	246	8139			292	8474
Junior demonstrations*.....	26	801	211	10114			252	13003
Different homes adopting better practices..	67	2617	445	55625	15	2088	525	58952
<u>Other Food Preparation.</u>								
Adult demonstrations.....	6	43	106	3874	1	8	113	3925
Junior demonstrations*.....	7	187	113	5044	7	157	127	5388
Different homes adopting better practices..	19	599	205	27119	3	105	227	27823
<u>Child Feeding and Care.</u>								
Demonstrations.....	59	506	306	12992	3	11	368	13509
Different homes adopting better practices..	103	9252	469	60594	4	513	576	70359
<u>Food Preservation.</u>								
Adult demonstrations.....	41	1291	498	61049	2	136	541	62476
Junior demonstrations*.....	190	4972	509	38864	84	4459	783	48325
Different homes adopting better practices..	217	37880	718	235594	65	11165	1000	284639
Quarts canned.....	184	511032	598	8791974	93	213745	875	9516751
Pounds dried.....	11	15826	345	1302845	4	544	360	1319215
Quarts brined and cured.....	14	18143	251	5337911	10	3164	275	5359218
Quarts other products.....	45	68651	569	2932001	31	23225	645	3023877
<u>Clothing- Selection.</u>								
Adult demonstrations.....	21	256	169	8427			190	8683
Junior demonstrations*.....	13	393	163	9862	5	712	181	10967
Different homes adopting better practices..	32	1462	269	44013	3	681	304	46156

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.***		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Clothing - Construction.</u>								
Adult demonstrations	231	7918	502	38167	6	92	739	46177
Junior demonstrations **	317	13604	554	40433	111	13257	982	67294
Different homes adopting better practices	391	45628	763	151931	74	10330	1228	207889
<u>Clothing - Renovation.</u>								
Adult demonstrations	29	417	220	7011			249	7428
Junior demonstrations **	5	55	154	4215	3	213	162	4483
Different homes adopting better practices	40	1595	313	30371	2	36	355	32002
<u>Millinery.</u>								
Adult demonstrations	139	2562	388	18633	2	43	529	21238
Junior demonstrations **	11	209	244	6415	7	223	262	6847
Different homes adopting better practices	191	12725	542	63841	11	418	744	75984
<u>Other Clothing.</u>								
Adult demonstrations	14	140	100	3588			114	3728
Junior demonstrations **	9	343	90	4589	2	37	101	4969
Different homes adopting better practices	25	1455	190	19046	2	60	217	20561
<u>Home, Health and Sanitation.</u>								
Demonstrations	60	1029	245	15044	1	2	306	16075
Different homes adopting better sanitary practices.	156	21315	512	88007	6	3141	674	112463
<u>Household Management and Home Furnishing.</u>								
Adult demonstrations	30	1092	283	26441	2	8	315	27541
Junior demonstrations **	18	226	215	14925	13	278	246	15429
Homes rearranging kitchens	71	1854	338*	6094*	7	42	416*	7990*
Homes installing new equipment	144	2613	699	18611	6	34	849	21258
Homes refinishing furniture	53	939	120	4057	6	65	179	5061
Homes redecorating or refinishing rooms	55	1485	119	2915	7	83	181	4483
Different homes adopting better practices	211	14067	783	78774	16	232	1010	93073

* Homes rearranging kitchens includes adult demonstrations in kitchen arrangement by home demonstration agents in 13 Southern States, since this question was not included in the special report form used in this group of States.

** Boys' and girls' club members.

*** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.	Agents report-ing.	Number.
<u>Beekeeping.</u>								
Adult demonstrations	173	798	33	339	1	4	207	1141
Junior demonstrations*	57	328	14	106	7	81	78	515
Different farms adopting better practices	223	5393	44	1395	6	103	273	6891
<u>Miscellaneous Agriculture.</u>								
Adult demonstrations	47	852	13	508			60	1360
Junior demonstrations*	18	443	9	349	40	1091	67	1883
Different farms adopting better practices	57	4299	14	1389	18	580	89	6268
<u>Miscellaneous Home Economics.</u>								
Adult demonstrations	26	463	195	14364	5	65	221	14827
Junior demonstrations*	17	550	166	8900			188	9515
Different homes adopting better practices	34	1500	246	25175	1	13	281	26683
<u>Totals.</u>								
Adult demonstrations		282395		438099		954		721448
Junior demonstrations*		128705		254006		46035		428746
Farms or homes adopting better practices		3860437		1546256		55833		5462526

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Table 3. - Extension Work with Boys and Girls, 1923,
as reported by all county extension agents.

Number of junior clubs	32,673
Number of different boys enrolled	187,277
Number of different girls enrolled	271,797
Total enrollment	459,074
Number of different boys completing	99,222
Number of different girls completing	150,194
Total completing	249,416

Project.	Number of boys' and girls' clubs.	Number of boys enrolled.	Number of girls enrolled.	Number of boys completing.	Number of girls completing.	Number of units involved in club work.	Total value.	Total cost.
Corn	3212	32505	2812	16028	1265	23354A	787372	284447
Wheat	54	530	2	278	1	1031"	21877	14137
Oats	20	392	21	216	3	643"	11174	4285
Rye	9	34	5	26		43"	380	78
Barley	3	99	2	39	1	94"	1785	662
Other cereals ..	172	2639	144	1055	49	3092"	72628	22186
Alfalfa	9	110	18	47	5	90"	3591	891
Soybeans	59	819	61	577	61	655"	30685	9957
Sweet clover ...		32		27		57"	2131	654
Crimson clover .	5	30		13		13"	295	52
Clover (red, alsike)		4		3		4"	65	28

Extension Work with Boys and Girls, 1923. - Continued.

Project.	Number of boys' and girls' clubs.	Number of boys enrolled.	Number of girls enrolled.	Number of boys completing.	Number of girls completing.	Number of units involved in club work.	Total value.	Total cost.
Cowpeas.....	69	953	23	578	8	894"	30557	5910
Velvet beans	48	595	28	393	16	739"	17594	4764
Field beans	40	425	59	339	57	380"	11905	4601
Peanuts	326	3749	256	1911	137	2049"	84528	27512
Lespedeza	8	62		54		151"	5382	1248
Other legumes, etc.	11	203	14	92	7	204"	3074	1626
Potatoes	938	9906	1542	6763	1067	2828A	319825	107606
Sweet potatoes ...	314	2760	219	1729	117	1106"	122224	29445
Cotton	919	8526	304	4310	149	6103"	438899	137068
Tobacco	46	613	4	329	3	284"	34830	12513
Other special crops	45	300	56	153	27	100"	7750	3434
Tree fruits	121	1195	4906	532	2843	488"	44098	4714
Bush and small fruits	92	452	3559	220	2030	97"	24485	2607
Grapes	16	136	1926	105	1515	166"	21076	7595
Vegetable gardens .	387	10553	35872	6032	20791	931"	447152	44424
Flowers, shrubs, and home grounds.	66	494	25660	320	15810	75"	20105	2087
Market-gardening, truck, and canning crops ...	150	1056	15125	673	9736	302"	199347	11938

Extension Work with Boys and Girls, 1923 - Continued.

Project	Number of boys' and girls' clubs.	Number of boys enrolled.	Number of girls enrolled.	Number of boys completing.	Number of girls completing.	Number of units involved in club work.	Total value.	Total cost.
Forestry.....	17	175	79	37.	6.	51"		
Horses and mules .	25	208	25	107	12	211An.	18170	7070
Dairy cattle	1088	10053	5328	6890	3583	9853"	982172	537157
Beef cattle	502	5406	733	3944	509	5781"	498398	242599
Sheep	211	1790	414	1226	298	6142"	89265	41914
Swine	4377	46658	4953	25358	2955	83169"	1425002	600147
Poultry	3256	25157	64958	13289	36759	557688"	978602	385894
Agricultural economics	868	11085	3352	4368	1650			
Bread making ...	718	326	38012	213	23993			
Meals						29191		
Loaves						82315		
Dozen quick breads						51572		
Meal preparation	501	295	25880	151	16440			
Meals						71864		
Loaves						19054		
Dozen quick breads						7704		
School lunches .	330	2112	18988	1562	11441			
Meals						192666		
Loaves						99		
Dozen quick breads						43		
Other food preparation	118	310	8333	53	5335			
Meals						1901		
Loaves						778		
Dozen quick breads						846		

Extension Work with Boys and Girls, 1923. - Continued.

Project.	Number of boys' and girls' clubs.	Number of boys enrolled.	Number of girls enrolled.	Number of boys completing.	Number of girls completing.	Number of units involved in club work.	Total value.	Total cost.
Food preservation	1531	269	81691	165	48160		825514	243864
Quarts canned....						1848614		
Pounds dried.....						196944		
Quarts brined and cured						106324		
Quarts other food preserved						499727		
Clothing:								
Selection.....	188	4	17760	3	10964	59329	66496	21814
Construction.....	4575	298	104540	176	67118	402332	474637	195543
Renovation.....	72		7028		4483	15156	20445	5840
Millinery.....	82		11445		6847	20275	56453	18857
Other clothing...	94	16	7630	11	4958	31743	29011	8711
Household management. etc.								
Budgets and accounts.....	25	35	5646	18	3072	4585	1839	851
Equipment	16	7	3471	7	1922	3182	211	20
Kitchen arrangement	54		3338		2204	1986	326	188
Work planning.....	5	2	4143		2737	1243	51	28
Furnishing and decorating.....	79	10	10719	4	5465	11846	4128	1641
Beekeeping	70	530	434	358	157	679	9228	3361
Miscellaneous agriculture.....	239	2401	445	1584	299	7416	32803	9068
Miscellaneous home economics	326	746	13500	487	9028	19176	35382	7059
Totals	27006	187045	535463	102853	325893		8316947	3078095

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